Restoration of Historically Restricted Estuaries, Cape Cod National Seashore, Massachusetts.



The benefits of naturally functioning tidal salt marshes can be enjoyed by present generations of National Seashore users through carefully phased restoration programs including assessment, modeling, restoration and monitoring. Estuaries on Cape Cod in various stages of restoration include Hatches Harbor (Provincetown), East Harbor (Truro) and Herring River (Wellfleet). Steps have included topographic mapping with survey-grade GPS, vegetation and water quality inventories, predictive hydrologic modeling, community consultation and scientific oversight, reconstruction of tidal culverts and staged re-introduction of tidal influence. Post-restoration monitoring is underway at Hatches Harbor and East Harbor and pre-restoration assessment at Herring River.









